

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10585733"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/25 20:35
S2	29	toshiba.asn. and (azuma near atsushi).in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/25 20:43
S3	205	((image near sensor) or (CMOS near sensor)) and (buried near channel) and (surface near channel)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/27 00:42
S4	174	S3 and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/27 00:43
S5	2	"5438211".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 11:55
S6	11	("4984045").PN. OR ("5438211").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 11:57
S7	27	((image near sensor) or (CMOS near sensor)) and (((buried near channel) and (surface near channel)) same MOS)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 15:17
S8	21	S7 and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 15:17

S9	23	("4032952"   "4229752"   "4513313").PN. OR ("4668971").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 15:50
S10	205	((image near sensor) or (CMOS near sensor)) and (buried near channel) and (surface near channel)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 16:06
S11	174	S10 and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 16:06
S12	153	S11 not S8	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 16:06
S13	147	S12 and (buried adj channel) and (surface adj channel)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 16:11
S14	110	S12 and ((buried adj channel) same (surface adj channel))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 16:12
S15	22	("4498013"   "5027177"   "5208476"   "5235197"   "5286987"   "5324669"   "5488251"   "5500383"   "5567632"   "5572051").PN. OR ("5880494").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 16:21
S16	65	((image near sensor) or (CMOS near sensor)) and (((buried near channel) and (surface near channel)) same substrate) and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 12:46
S17	6	((image near sensor) or (CMOS near sensor)) and (((buried adj channel) and (surface adj channel) with (MOS) same substrate) and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 13:01

S18	17	((buried adj channel) and (surface adj channel)).ti. and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 13:06
S19	133	((buried adj channel) and (surface adj channel)).ab. and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 13:11
S20	147	((buried adj channel) and (surface adj channel)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 13:56
S21	2	"2000353756"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:00
S22	3	"2002329793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:02
S23	3	(LNR and LPR and HNR). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:06
S24	0	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:12
S25	1	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:12

S26	13	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 14:13
S27	44	("5051797"   "5306931"   "5625210"   "5880495"   "5898168"   "5898196"   "5903021").PN. OR ("6100551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/09 14:52
S28	5	("20010013899"   "20060158541"   "5438211"   "6150682"   "7102677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/09 15:13
S29	11	("4984045").PN. OR ("5438211").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/09 15:23
S30	2	("20040263657").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/09 15:40
S31	3	("20020027189"   "5438211"   "6833870").PN. OR ("7244971").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/09 16:13
S32	1	438/73.ccls. and (buried adj channel) and (surface adj channel) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:25
S33	2	438/57.ccls. and (buried adj channel) and (surface adj channel) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:27
S34	1	438/59.ccls. and (buried adj channel) and (surface adj channel) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:27
S35	4	438/60.ccls. and (buried adj channel) and (surface adj channel) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:27

S36	2	"438/78.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:29
S37	361	"438"/\$.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:29
S38	915	"257"/\$.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:30
S39	14	"257"/291.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:31
S40	12	"257"/292.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:31
S41	0	"257"/e21.412.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:32
S42	294	"257"/e21.412.ccls. and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 17:33
S43	2	"5512771".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/07 20:31

S44	1	S43 and (buried adj channel) and (surface adj channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/07 20:36
S45	2	"2000077613"	DERWENT	OR	ON	2009/06/07 21:22
S46	1	"6337248".pn.	DERWENT	OR	ON	2009/06/07 21:29
S47	2	"2002329793"	DERWENT	OR	ON	2009/06/07 22:26
S48	1	"6740939".pn.	DERWENT	OR	ON	2009/06/07 22:28
S49	1	"2000353756"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/06/07 23:06
S50	109	((buried adj channel) same (surface adj channel) same implant) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 23:17
S51	170	((buried adj channel) same (surface adj channel) same (NMOS or PMOS)) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 23:27
S52	117	((buried adj channel) with (surface adj channel) with (NMOS or PMOS)) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 23:28
S53	117	((buried adj channel) with (surface adj channel) with (NMOS or PMOS)) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 23:29
S54	32	(((buried adj channel) near3 NMOS) same ((surface adj channel) near3 NMOS)) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/07 23:42
S55	6	("4385337"   "5886862"   "6369998").PN. OR ("6665160").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 00:42

S56	10	("4743841"   "5407865"   "5612557"   "5793321"   "5797999"   "5835387"   "6025219"   "6139791"   "6373097").PN. OR ("6653694").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 00:45
S57	53	((depletion adj mode) near3 NMOS) same ((enhancement adj mode) near3 NMOS) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 00:51
S58	5	S57 and (channel with implant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 00:52
S59	1	"10585733"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S60	31	toshiba.asn. and (azuma near atsushi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S61	211	((image near sensor) or (CMOS near sensor)) and (buried near channel) and (surface near channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S62	175	S61 and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S63	2	"5438211".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S64	12	("4984045").PN. OR ("5438211").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:03

S65	27	((image near sensor) or (CMOS near sensor)) and (((buried near channel) and (surface near channel)) same MOS)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S66	21	S65 and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S67	23	("4032952"   "4229752"   "4513313").PN. OR ("4668971").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:03
S68	211	((image near sensor) or (CMOS near sensor)) and (buried near channel) and (surface near channel)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S69	175	S68 and @ad<"20040330"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S70	154	S69 not S66	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S71	148	S70 and (buried adj channel) and (surface adj channel)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S72	110	S70 and ((buried adj channel) same (surface adj channel))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S73	23	("4498013"   "5027177"   "5208476"   "5235197"   "5286987"   "5324669"   "5488251"   "5500383"   "5567632"   "5572051").PN. OR ("5880494").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:03

S74	65	((image near sensor) or (CMOS near sensor)) and (((buried near channel) and (surface near channel)) same substrate) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S75	6	((image near sensor) or (CMOS near sensor)) and (((buried adj channel) and (surface adj channel) with MOS) same substrate) and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S76	17	((buried adj channel) and (surface adj channel)).ti. and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S77	133	((buried adj channel) and (surface adj channel)).ab. and @ad< "20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S78	148	((buried adj channel) and (surface adj channel)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:03
S79	2	"2000353756"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S80	3	"2002329793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S81	3	(LNR and LPR and HNR). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04

S82	0	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S83	1	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S84	13	(photoelectric and pixel and transistor and substrate and (buried adj channel) and (surface adj channel)) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S85	47	("5051797"   "5306931"   "5625210"   "5880495"   "5898168"   "5898196"   "5903021").PN. OR ("6100551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:04
S86	5	("20010013899"   "20060158541"   "5438211"   "6150682"   "7102677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:04
S87	12	("4984045").PN. OR ("5438211").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:04
S88	2	("20040263657").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/08 01:04
S89	3	("20020027189"   "5438211"   "6833870").PN. OR ("7244971").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 01:04
S90	1	438/73.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S91	2	438/57.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04

S92	1	438/59.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S93	4	438/60.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S94	2	438/78.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S95	363	"438"/\$.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S96	914	"257"/\$.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S97	14	"257"/291.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S98	12	"257"/292.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S99	0	"257"/e21.412.ccls. and (buried adj channel) and (surface adj channel) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04

S100	291	"257"/e21.412.ccls. and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 01:04
S101	1	"948056"	EPO	OR	ON	2009/06/08 02:11
S102	7	((buried adj channel) same (surface adj channel)) and (CMOS near sensor) and @ad<"20040330"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 02:51

6/8/2009 3:27:47 AM

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